

**INTERNATIONAL SEARCH REPORT**

International application No.  
PCT/SE 2003/001491

**A. CLASSIFICATION OF SUBJECT MATTER**

**IPC7: F02B 25/22**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

**IPC7: F02B**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

**SE,DK,FI,NO classes as above**

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**EPO-INTERNAL, WPI DATA, PAJ**

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02061245 A1 (NOTARAS, JOHN, ARTHUR ET AL), 8 August 2002 (08.08.2002), page 10, line 1 - line 10	7
A	details 8 and 23, with referring text --	1-6,8
X	US 6298811 B1 (SAWADA ET AL), 9 October 2001 (09.10.2001), column 6, line 57 - line 67	7
A	whole document --	1-6,8

Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

15 April 2004

Date of mailing of the international search report

22 -04- 2004

Name and mailing address of the ISA/  
Swedish Patent Office  
Box 5055, S-102 42 STOCKHOLM  
Facsimile No. + 46 8 666 02 86

Authorized officer

Malin Hallmén / JA A  
Telephone No. + 46 8 782 25 00

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2003/001491

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACT OF JAPAN vol. 2003, no. 03, 5 May 2003 (2003-05-05) & JP 2002332846 A (ISHIKAWAJIMA SHIBAURA MACH CO LTD), 12 November 2002 (2002-11-22) detail 13  --	1-8
A	WO 0151785 A1 (AKTIEBOLAGET ELECTROLUX), 19 July 2001 (19.07.2001)  -- -----	1-8

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

27/02/2004

International application No.  
PCT/SE 2003/001491

WO	02061245	A1	08/08/2002	AU	PR283501	D	00/00/0000
US	6298811	B1	09/10/2001	AU	9186898	A	27/04/1999
				EP	0971110	A	12/01/2000
WO	0151785	A1	19/07/2001	AU	3201100	A	24/07/2001
				BR	0016930	A	19/11/2002
				CA	2395708	A	19/07/2001
				EP	1248901	A	16/10/2002
				JP	2003519749	T	24/06/2003
				SE	515917	C	29/10/2001
				SE	0000059	A	12/07/2001
				US	6668770	B	30/12/2003
				US	2002043227	A	18/04/2002
				US	2003005895	A	09/01/2003